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# Counterintelligence Concerns

Export Control Coordinators Organization  
2006 Annual Training Seminar

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(Office of Counterintelligence)

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The World's Greatest Science Protecting America

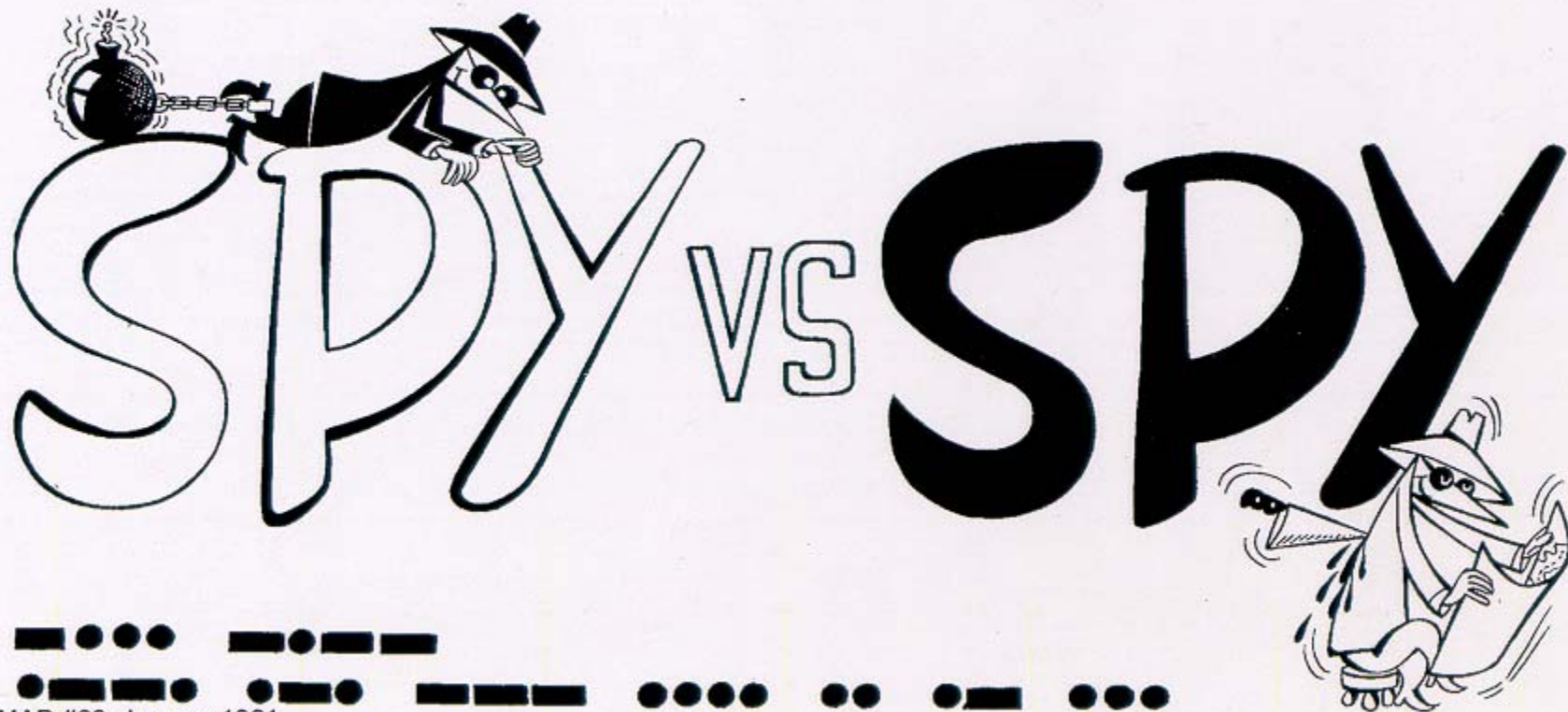
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# Not All Cloak and Dagger



MAD #60, January 1961

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# Collaboration

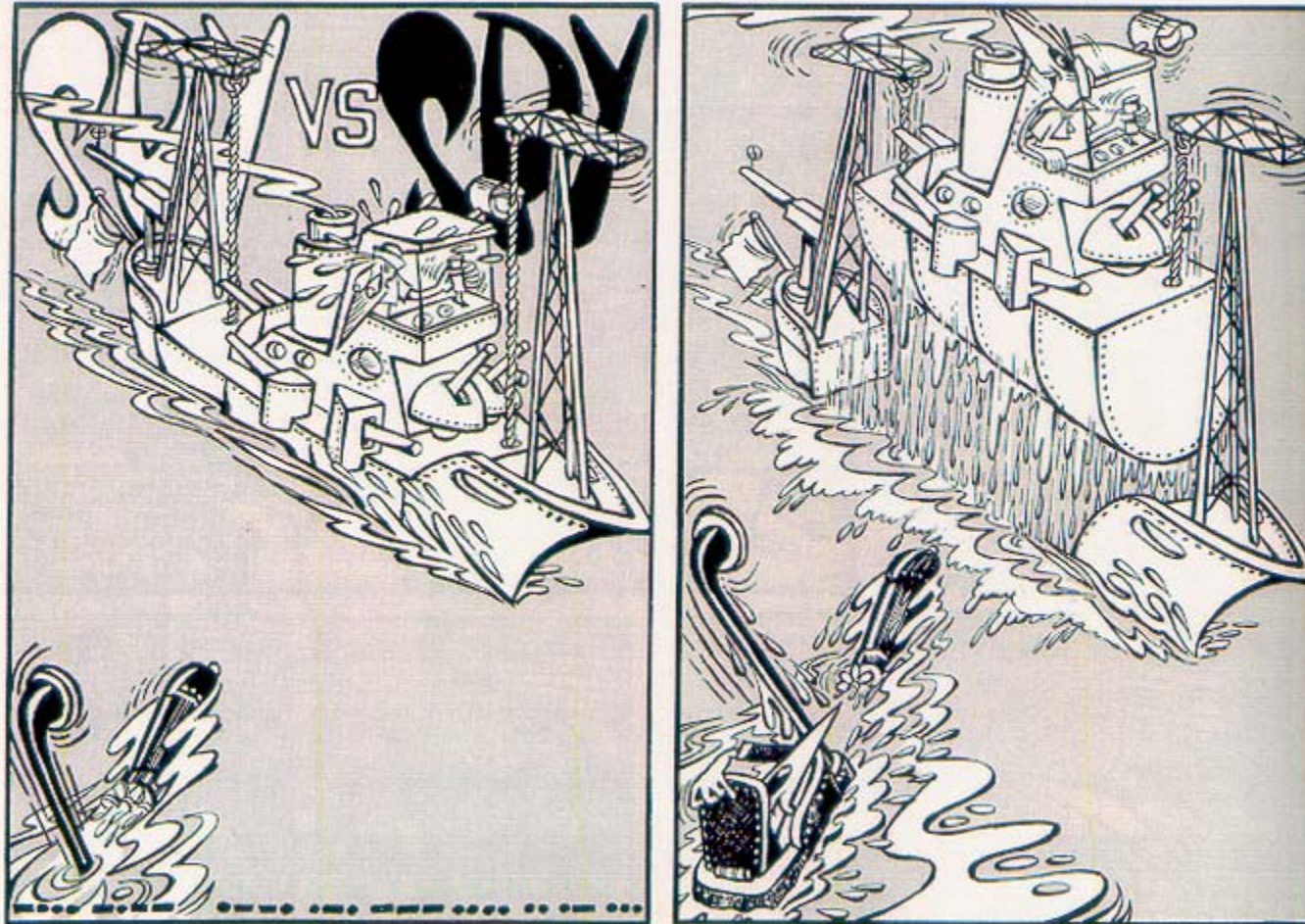
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- Office of the Chief Information Officer (information management)
- Classification
- Counterintelligence (CI)
- Customs team
- Foreign Travel
- Foreign Visits & Assignments (FV&A)
- Legal
- Mail Room
- Nonproliferation
- Operations Security (OPSEC)
- Technology Transfer



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# Our shared mission is to keep . . .

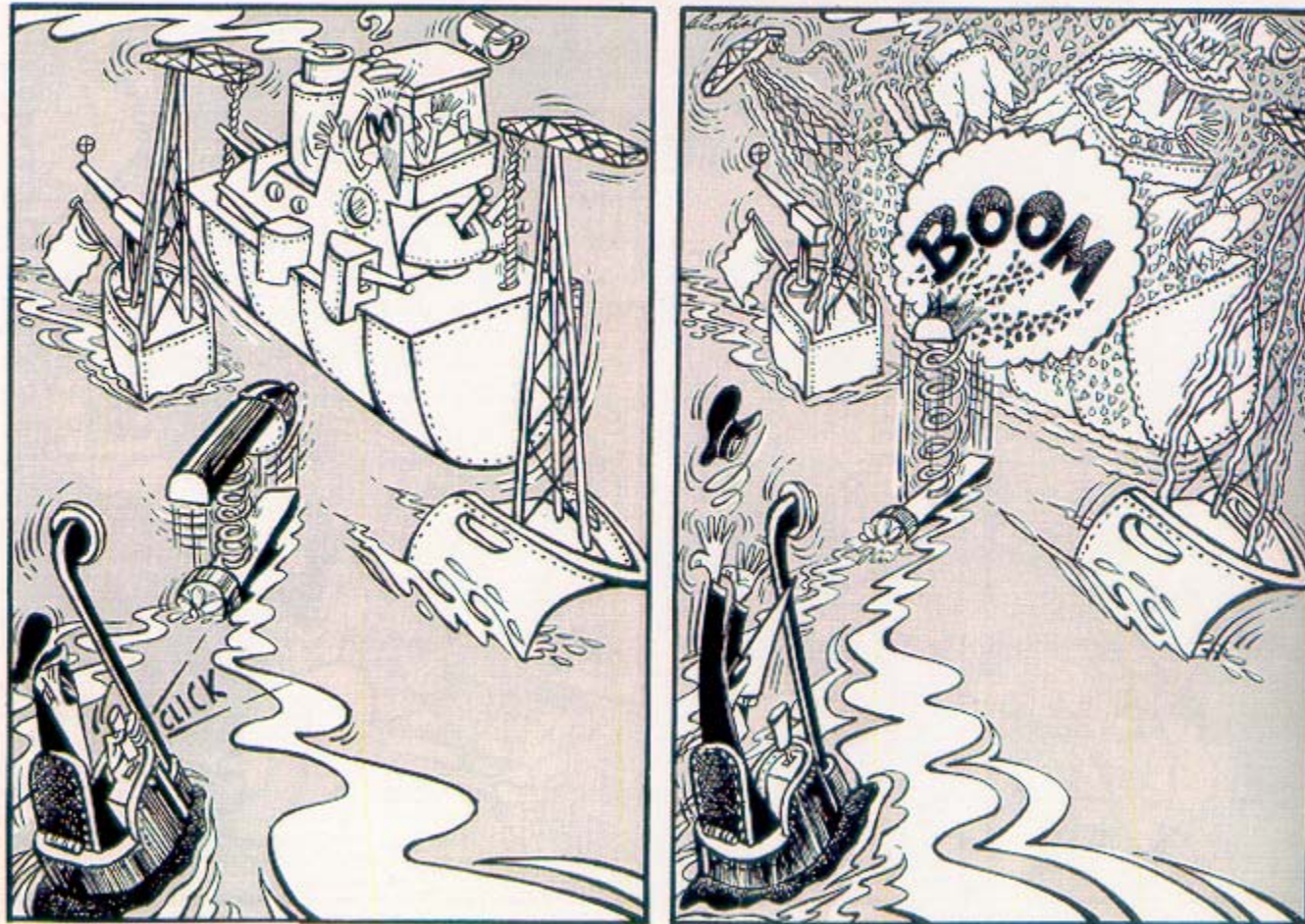


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... our own science and technology from being used against us.



MAD #200, July 1978

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# Two Top Counterintelligence Concerns

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- Trusted insider
- Offsite elicitation



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# The Best and the Brightest

## Dilbert by Scott Adams



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# The Best and the Brightest

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- 20 CFR 656.21 - Basic labor certification process
  - Preference give to U.S. workers
  - Documented good faith efforts
  - Prevailing working conditions and wages
  - Specifically explain why each U.S. worker interviewed was not hired.



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# The Best and the Brightest

## Dilbert by Scott Adams



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# The Best and the Brightest

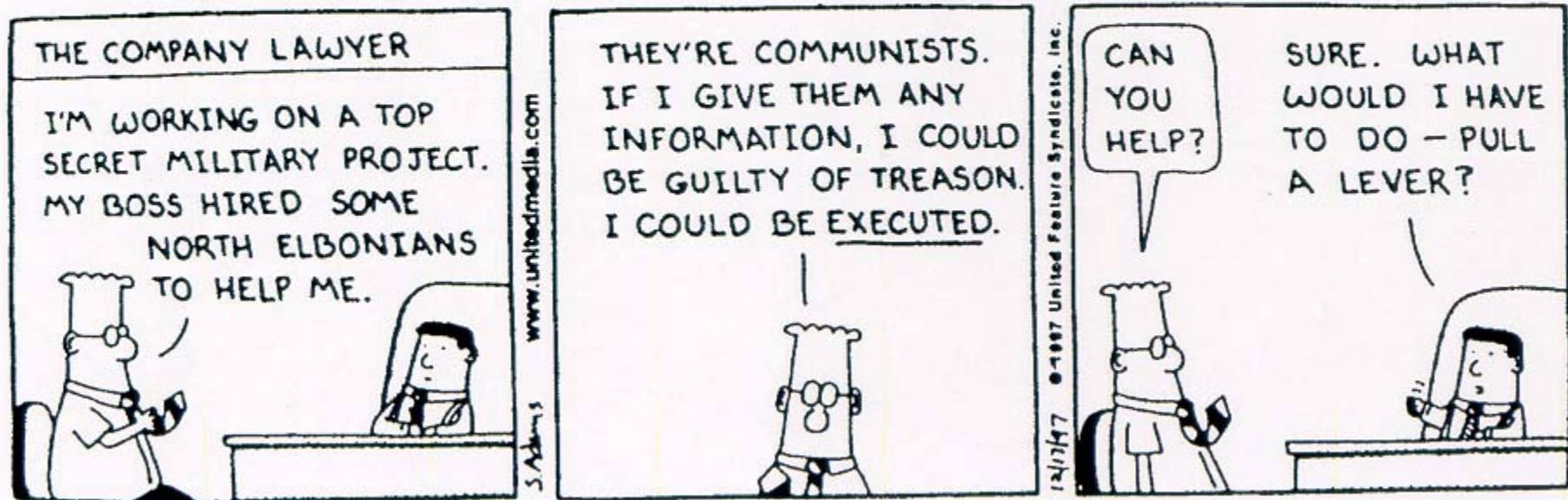
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- Challenge to the principle investigator/project manager is to simultaneously:
  - Supervise foreign national(s)
  - Partition off sensitive information
  - Hire additional staff
  - Conduct research



# The Best and the Brightest

## Dilbert by Scott Adams



# The Best and the Brightest

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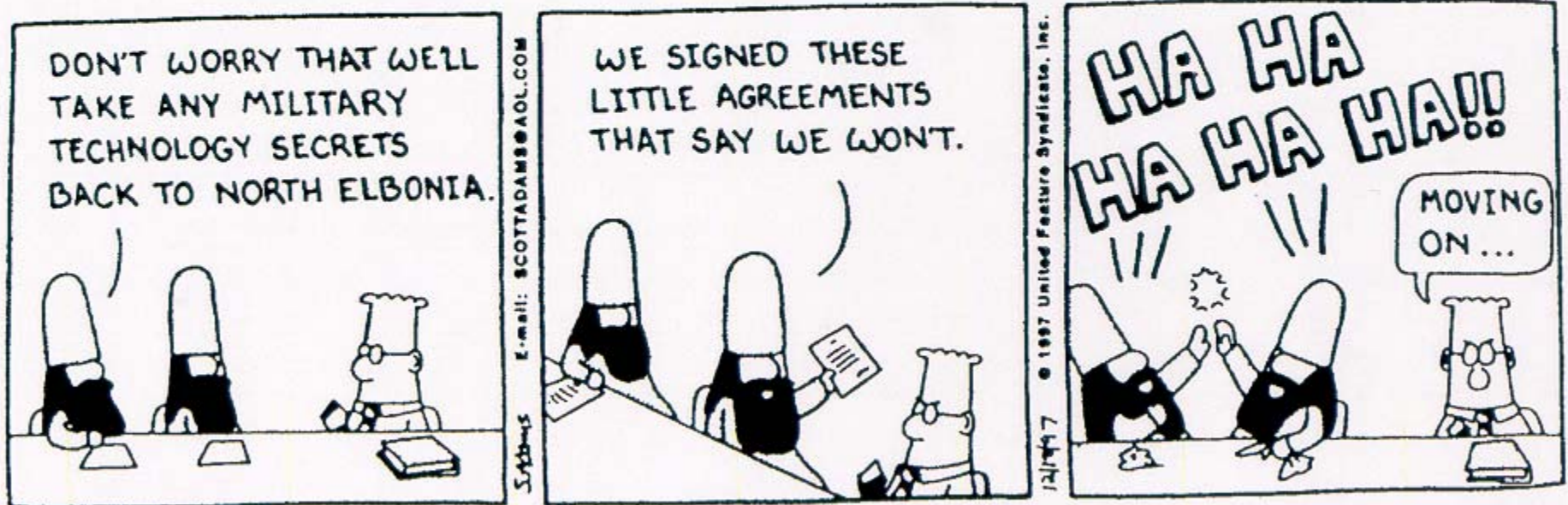
- 20 CFR 656.21 - Basic labor certification process
  - *Exception: 20 CFR 656.10*
    - *Aliens of exceptional ability in the sciences or arts*



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# The Best and the Brightest

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# The Best and the Brightest

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- Foreign intelligence services and terrorist organizations may try to use the following techniques to place agents inside our respective workforces:
  - Change the citizenships of their agents.
  - Place agents inside institutions where we are known to regularly recruit.
  - Design agents' backgrounds to closely match job postings or work within our organizations to create job postings to match agents' qualifications.
  - Exploit resistance from U.S. citizens to conduct weapons-related research.



# The Best and the Brightest

## Dilbert by Scott Adams



# The Best and the Brightest

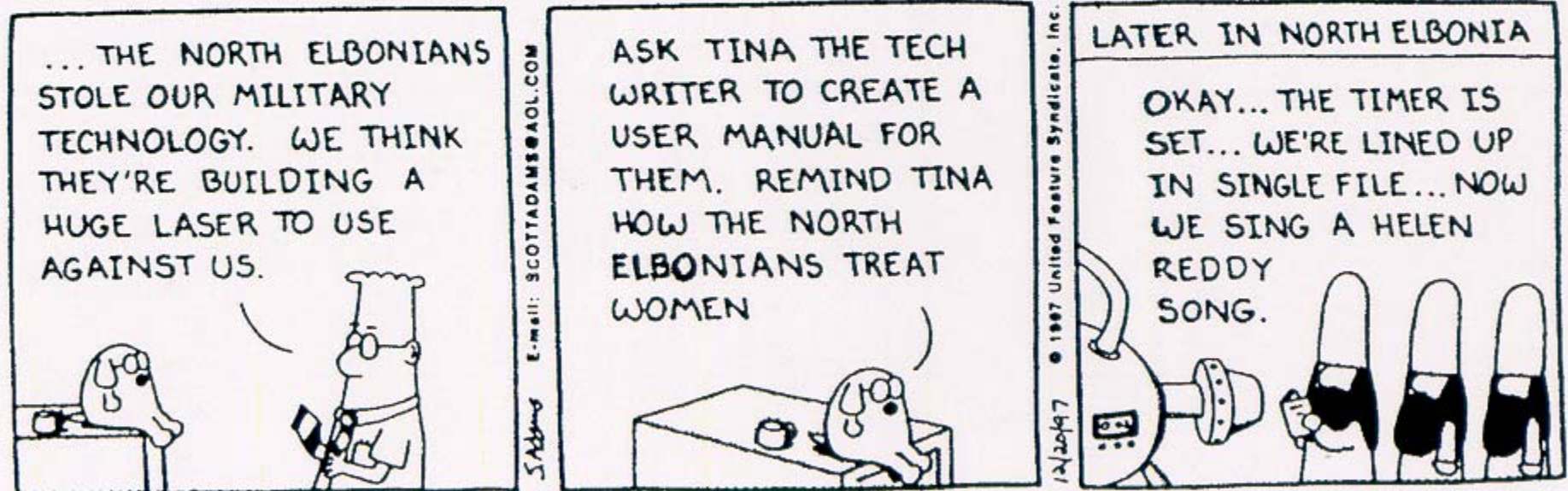
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- National Science Advisory Board for Biosecurity, June 30, 2005
  - Executive Office of the President
  - Department of Health and Human Services
  - Department of Energy
  - Department of Homeland Security
  - Department of Veterans Affairs
  - Department of Defense
  - Department of Interior
  - Environmental Protection Agency
  - Department of Agriculture
  - National Science Foundation
  - Department of Justice
  - Department of State
  - Department of Commerce
  - Intelligence Community
  - National Aeronautics and Space Administration



# The Best and the Brightest

## Dilbert by Scott Adams



# The Best and the Brightest

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- Managers and hiring officials can counter infiltration attempts by
  - Ensuring they do not overlook qualified U.S. citizens.
  - Diversifying as much as possible the institutions and organizations from which they recruit and hire employees.
  - Coordinating with counterintelligence officials to make fully informed assessments of the risks versus the gains when making staffing choices.



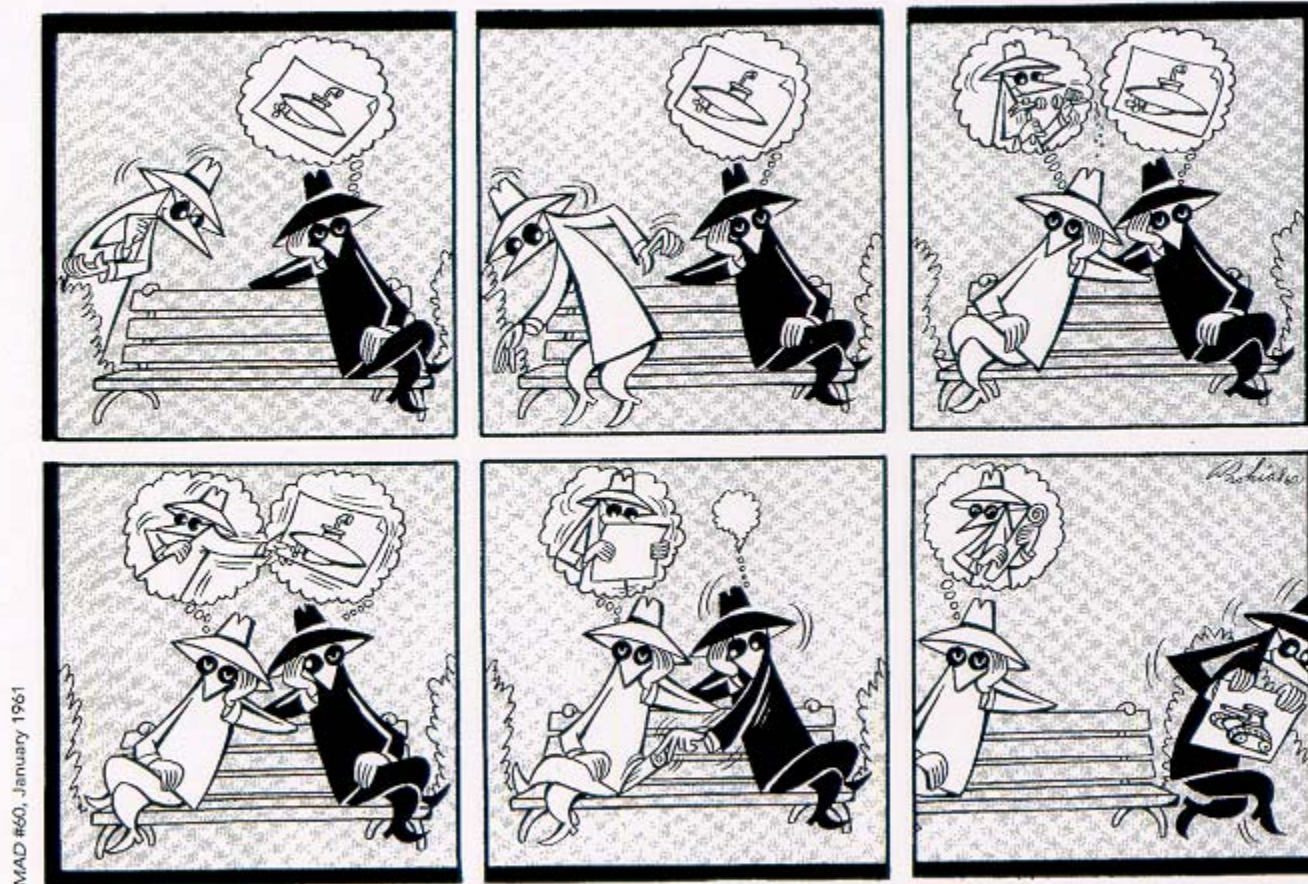
# Two Top Counterintelligence Concerns

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- Trusted insider
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# Optimal OPSEC



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## The Preamble

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In May, 2004, Hassan Abbassi, a leading adviser to Iranian Supreme Leader Ali Khamenei, announced:

"We have a strategy drawn up for the destruction of Anglo-Saxon civilization and for the uprooting of the Americans and the English. The global infidel front is a front against Allah and the Muslims, and we must make use of everything we have at hand to strike at this front by means of our suicide operations or by means of our missiles. . . There are 29 sensitive sites in the U.S. and in the West. We have already spied on these sites and we know how we are going to attack them."

# The Declaration

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In October 2005, Iranian President Mahmoud Ahmadinejad spoke at the "World without Zionism" conference held in Tehran:

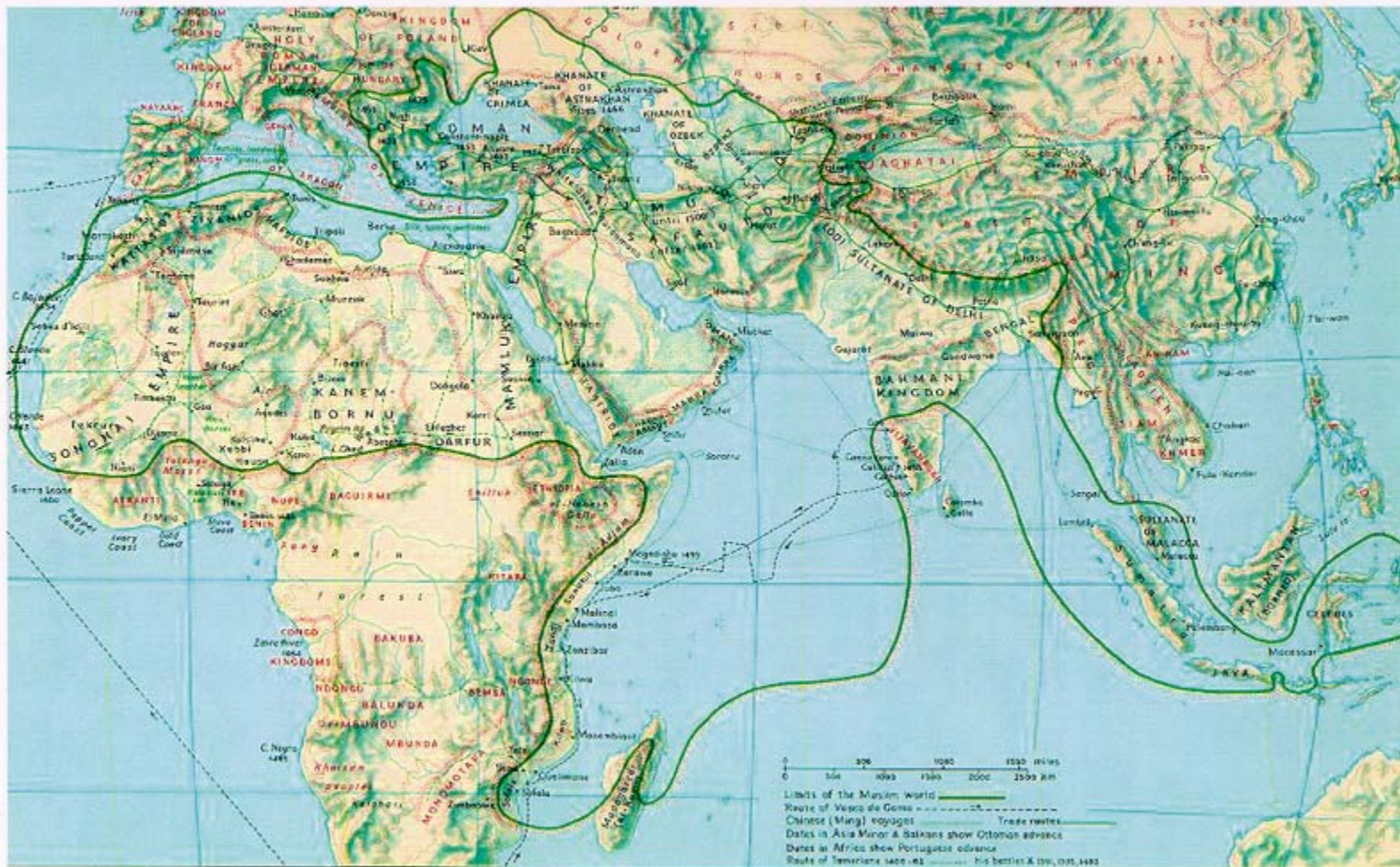
"... They [ask]: 'Is it possible for us to witness a world without America and Zionism?' But you had best know that this slogan and this goal are attainable, and surely can be achieved..."





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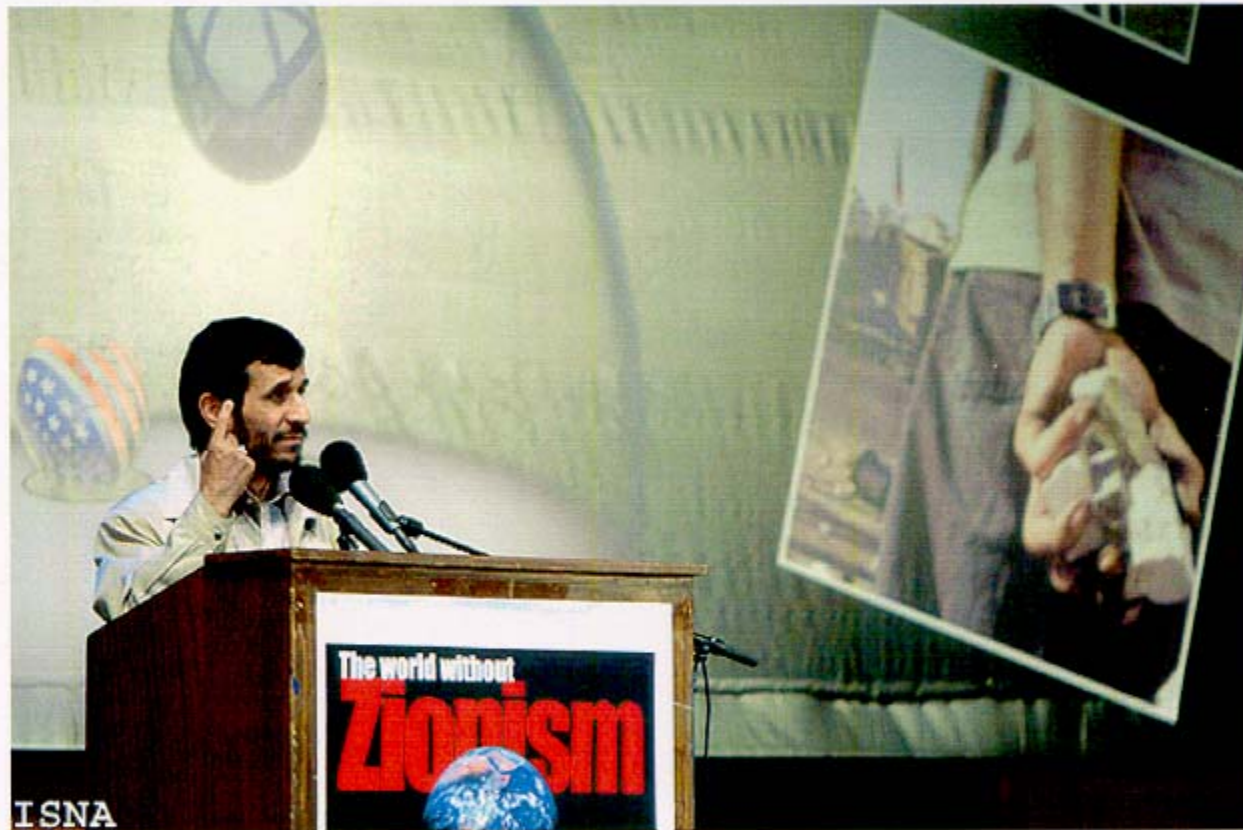
# The Goal





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# The Shift



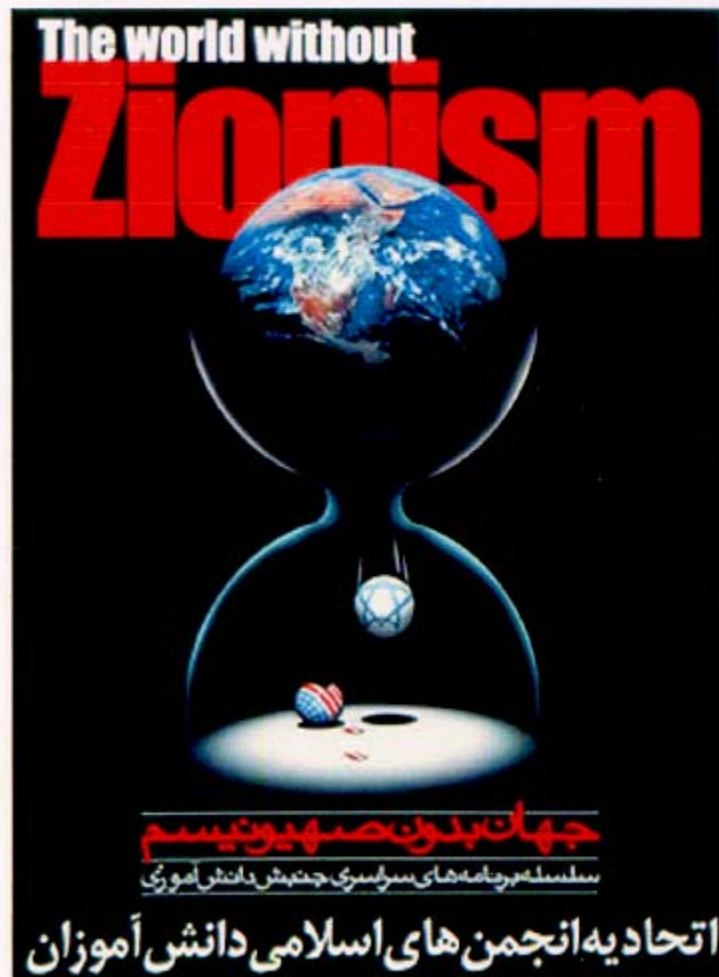
ISNA/PHOTO: HAMED NOORI

Months and years versus decades and centuries.

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## The Research



Overt requests from Iran for information at Los Alamos National Laboratory are consistent with targeted efforts to make these credible threats.

# The Focus

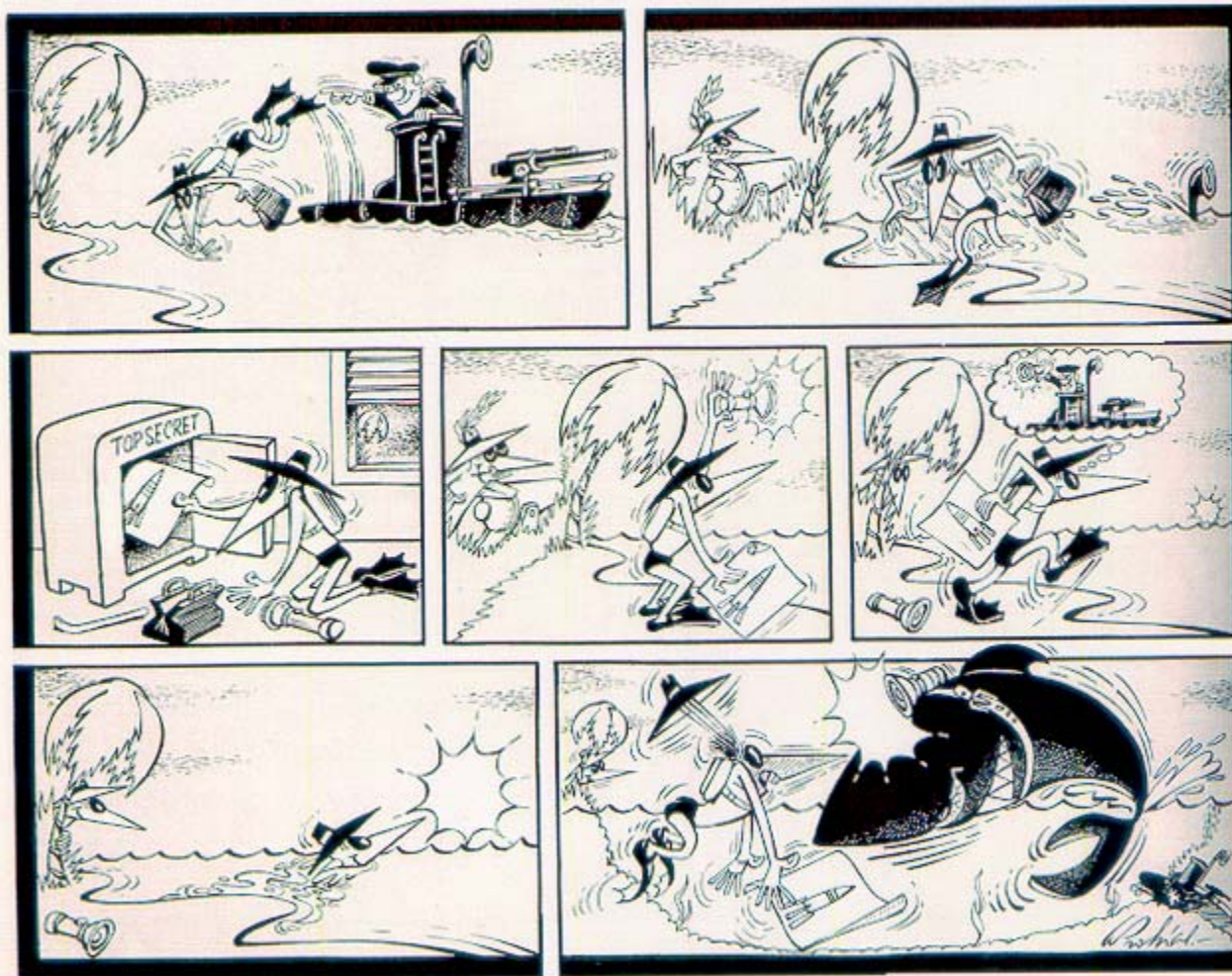
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- All of the reports contain unclassified science that could be applied to one or more of the following:
  - Development of a complete nuclear weapons program.
  - Chemical, biological, and radiological weapons development, usage, and effects.
  - Target selection.
  - Site and program concealment and defense.
- Less than half of those downloads were allowed.



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## In Summary



MAD #104, March 1967

The World's Greatest Science Protecting America

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